

ABSTRACT OF THE DISCLOSURE

A band saw blade stabilizer for stabilizing a moving band saw blade of a band saw appliance. The blade stabilizer includes two opposing guide structures situated to form a passage there between within which the saw blade travels while the guide structures limit lateral motion thereof. An attachment mount is included for securing the guide structures above a standard work table. Preferably, at least one of the guide structures is provided with an adjustor for selective lateral movement thereof for selective change of passage width. The stabilizer can additionally include a thrust bearing situated behind the blade for limiting rearward movement thereof as can occur when a workpiece is cut. In this manner, traditional band saw appliance utility is maintained while precision-cutting versatility is enhanced as lateral and longitudinal blade movement is controlled with precision.